

FIG. 1

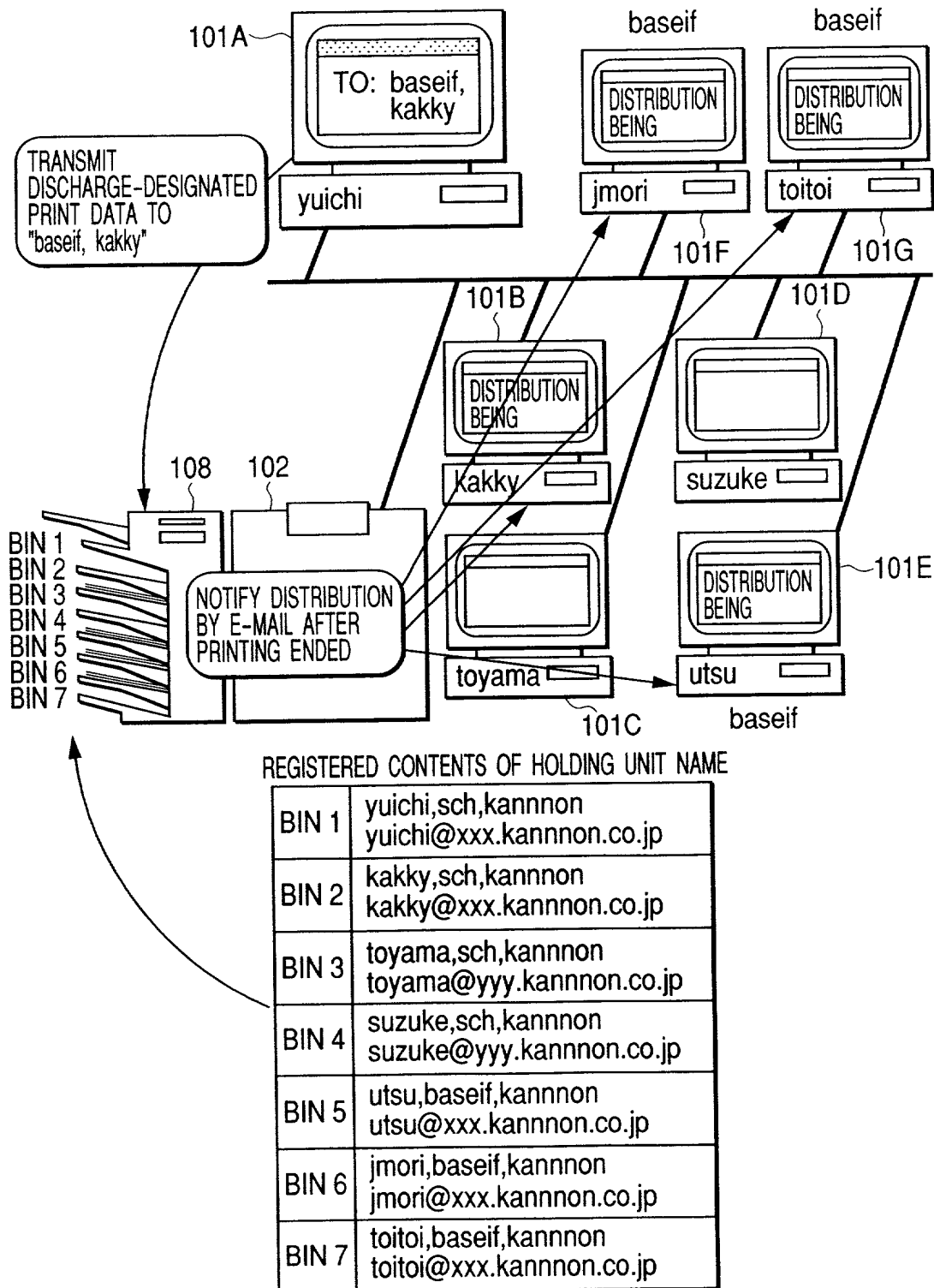


FIG. 2

REGISTER HOLDING UNIT NAME

HOLDING UNIT: BIN 1 ⁸⁰¹

USER NAME: ⁸⁰²

E-MAIL ADDRESS: ⁸⁰³

BELONGING GROUP NAME:

-
-
-

} ⁸⁰⁴

⁸⁰⁵
 ⁸⁰⁶

906

907

FIG. 4

DESIGNATE DISTRIBUTION ADDRESS	
SELECTED TEXT: INVESTIGATION RESULT.doc	
DISTRIBUTION PAGE: PAGE 1	
--- DESIGNATE DISTRIBUTION ADDRESS BY GROUP NAME: ---	
SELECT DISTRIBUTION ADDRESS:	<div>3001 baseif ▼</div> <div>3002 ADD</div>
--- DESIGNATE DISTRIBUTION ADDRESS BY USER NAME: ---	
SELECT DISTRIBUTION ADDRESS:	<div>3003 kakky ▼</div> <div>3004 ADD</div>
LIST OF DESIGNATE DISTRIBUTION ADDRESSES: 3005	
<div>baseif kakky</div>	
THE NUMBER OF DISTRIBUTED COPIES:	<div>3006 1</div> <div>3007 <input type="checkbox"/> NO E-MAIL NOTIFICATION AFTER PRINTING</div>
<div>OK</div> <div>3008</div>	<div>CANCEL</div> <div>3009</div>

FIG. 5

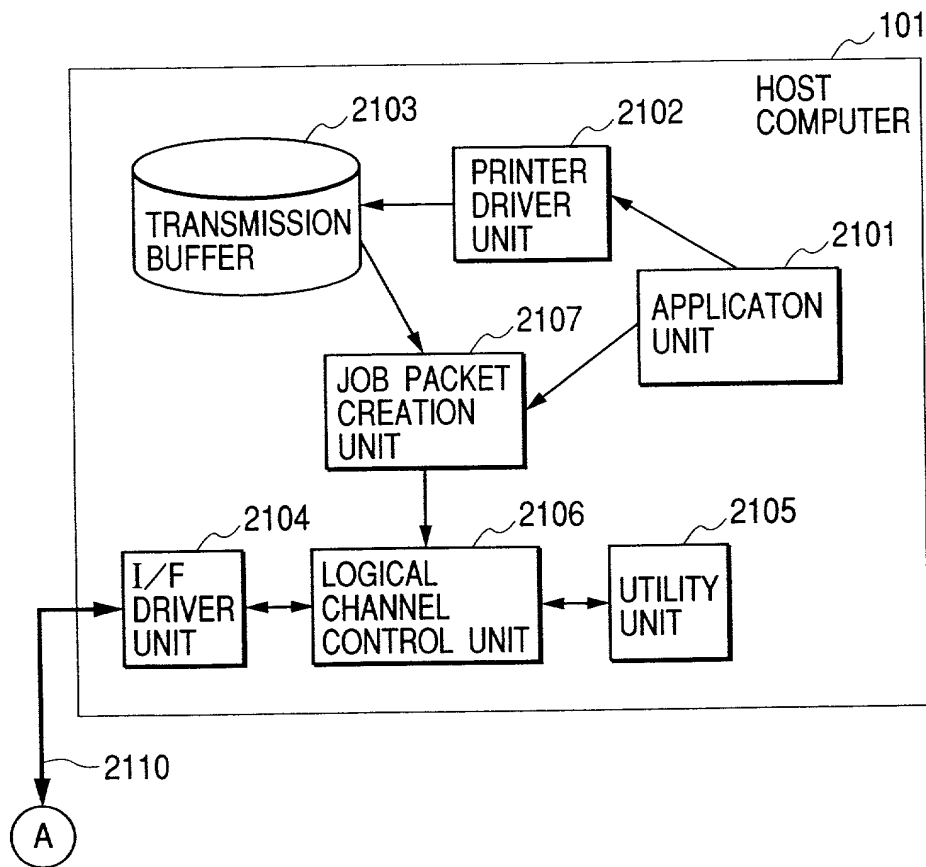


FIG. 6

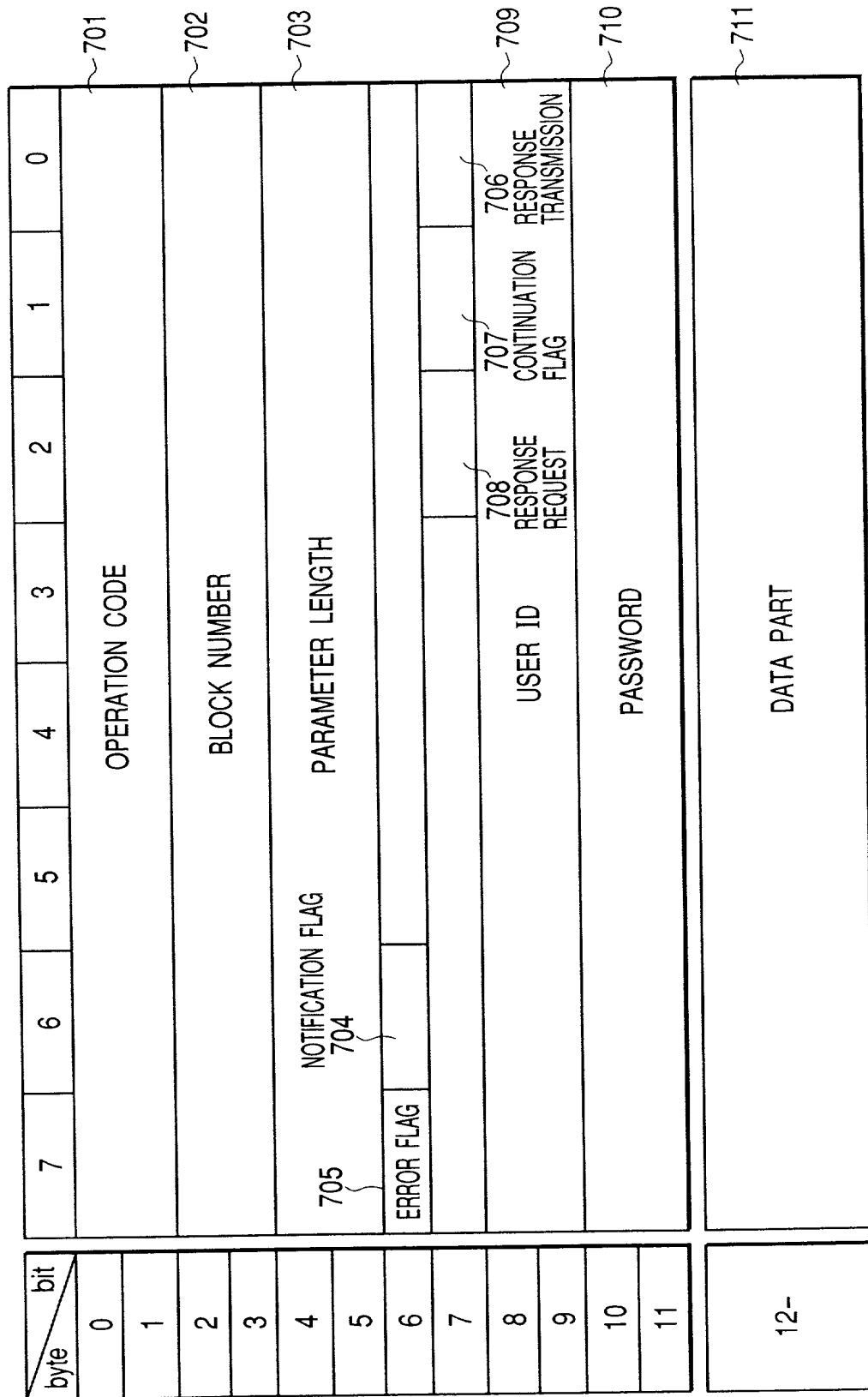


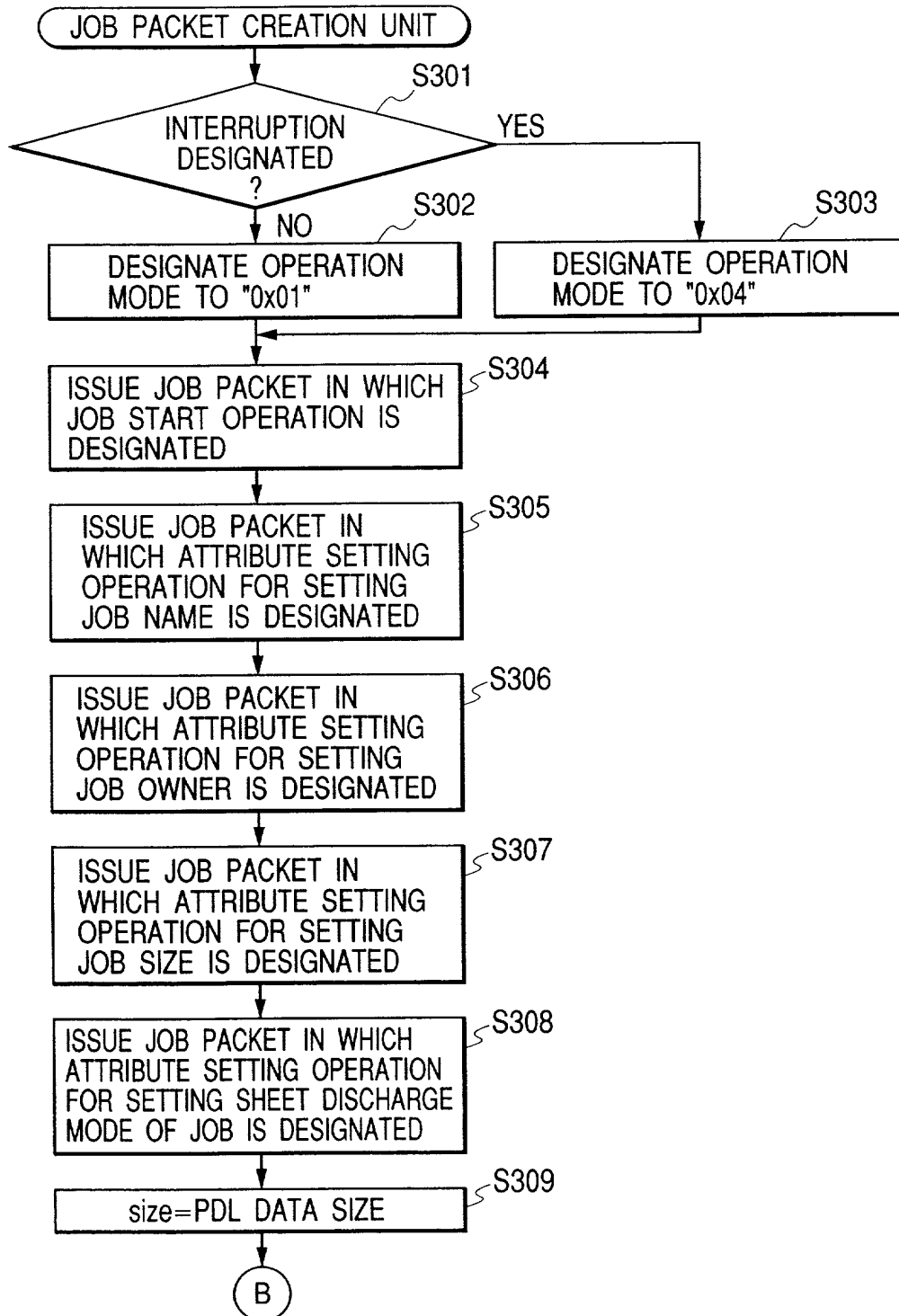
FIG. 7

FIG. 8

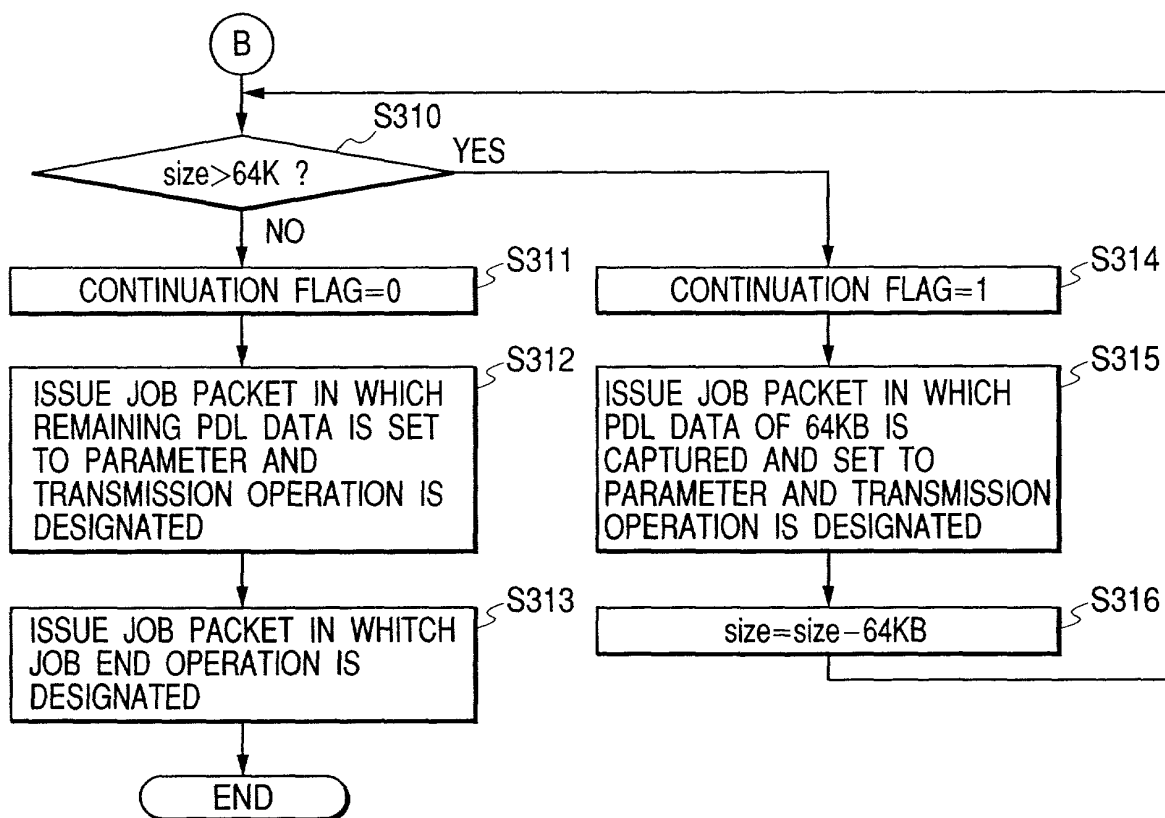


FIG. 9

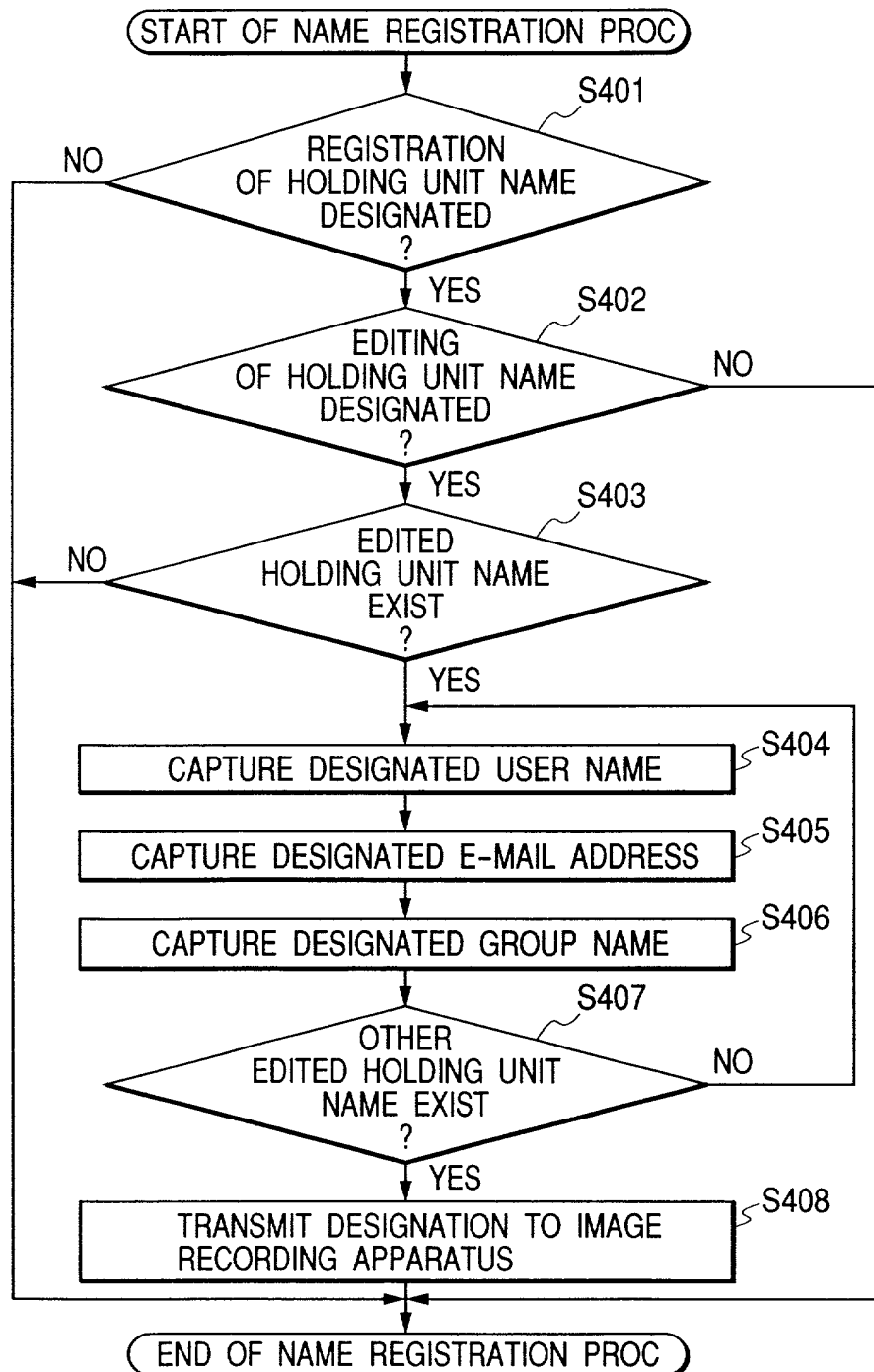


FIG. 10

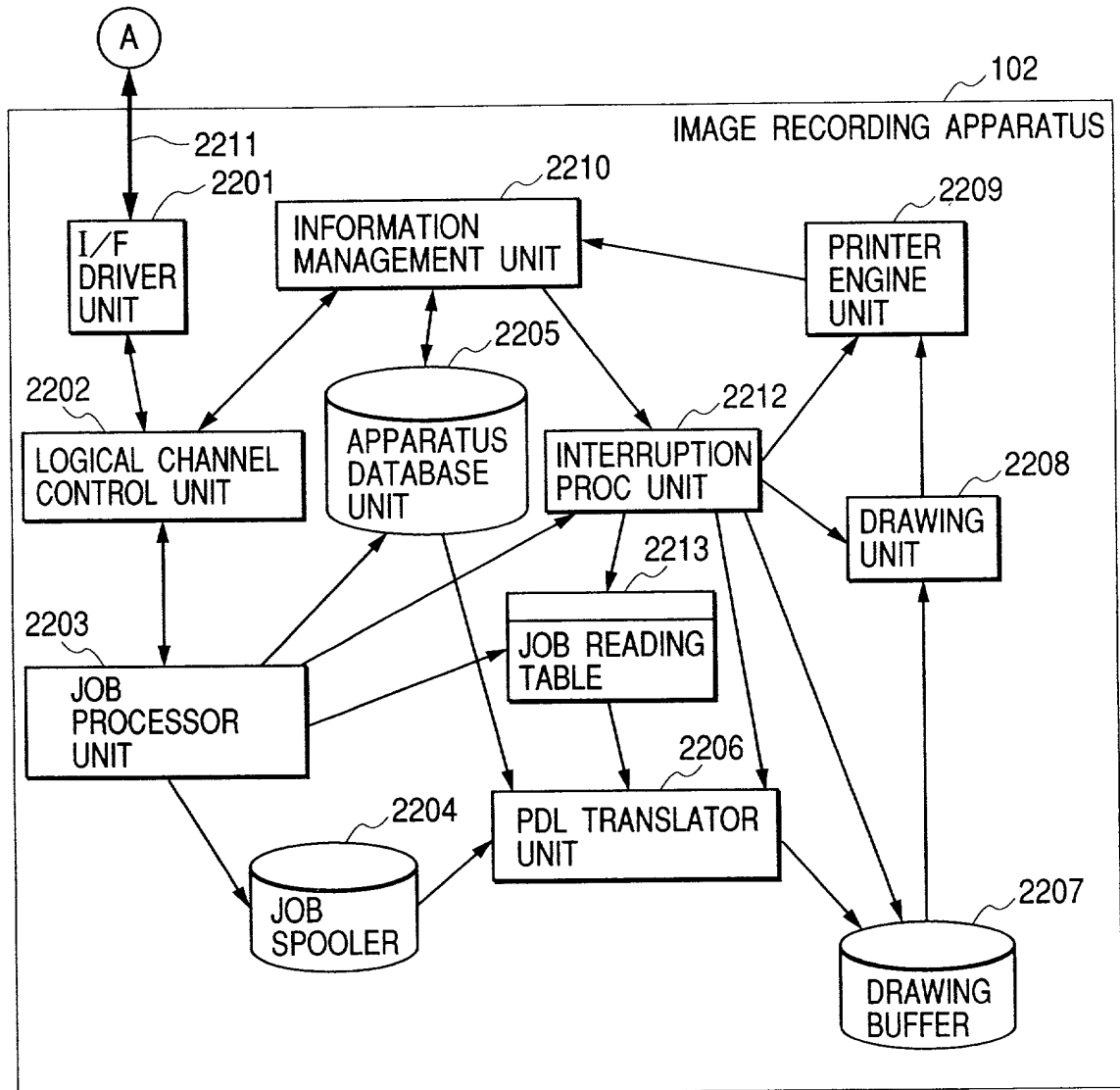


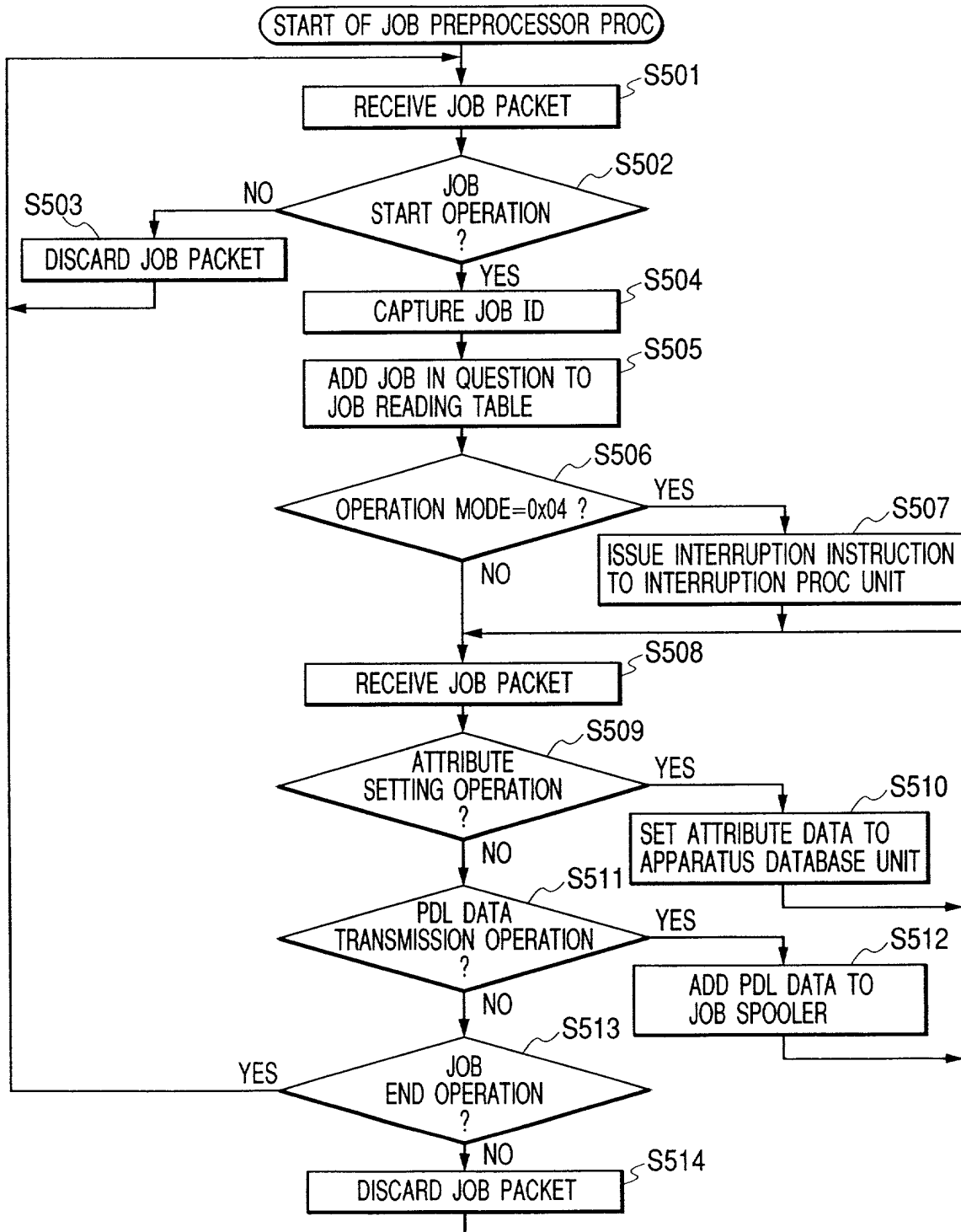
FIG. 11

FIG. 12A

JOB ID
1
2
3
4

FIG. 12B

JOB ID
1
2
3
4
5

ADD OF JOB 5 →

FIG. 12C

JOB ID
2
3
4
5

→ END OR CANCEL OF JOB 1 PRINTING

FIG. 13

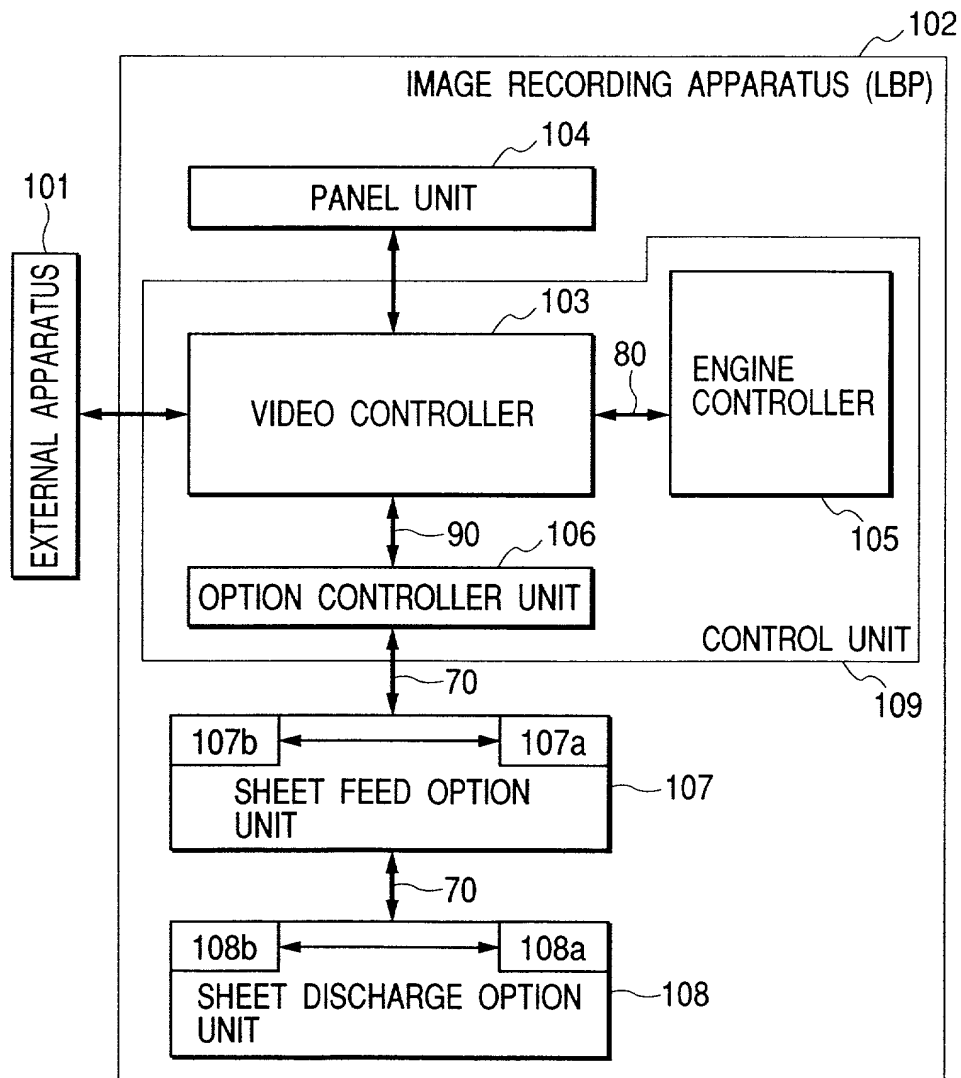


FIG. 14

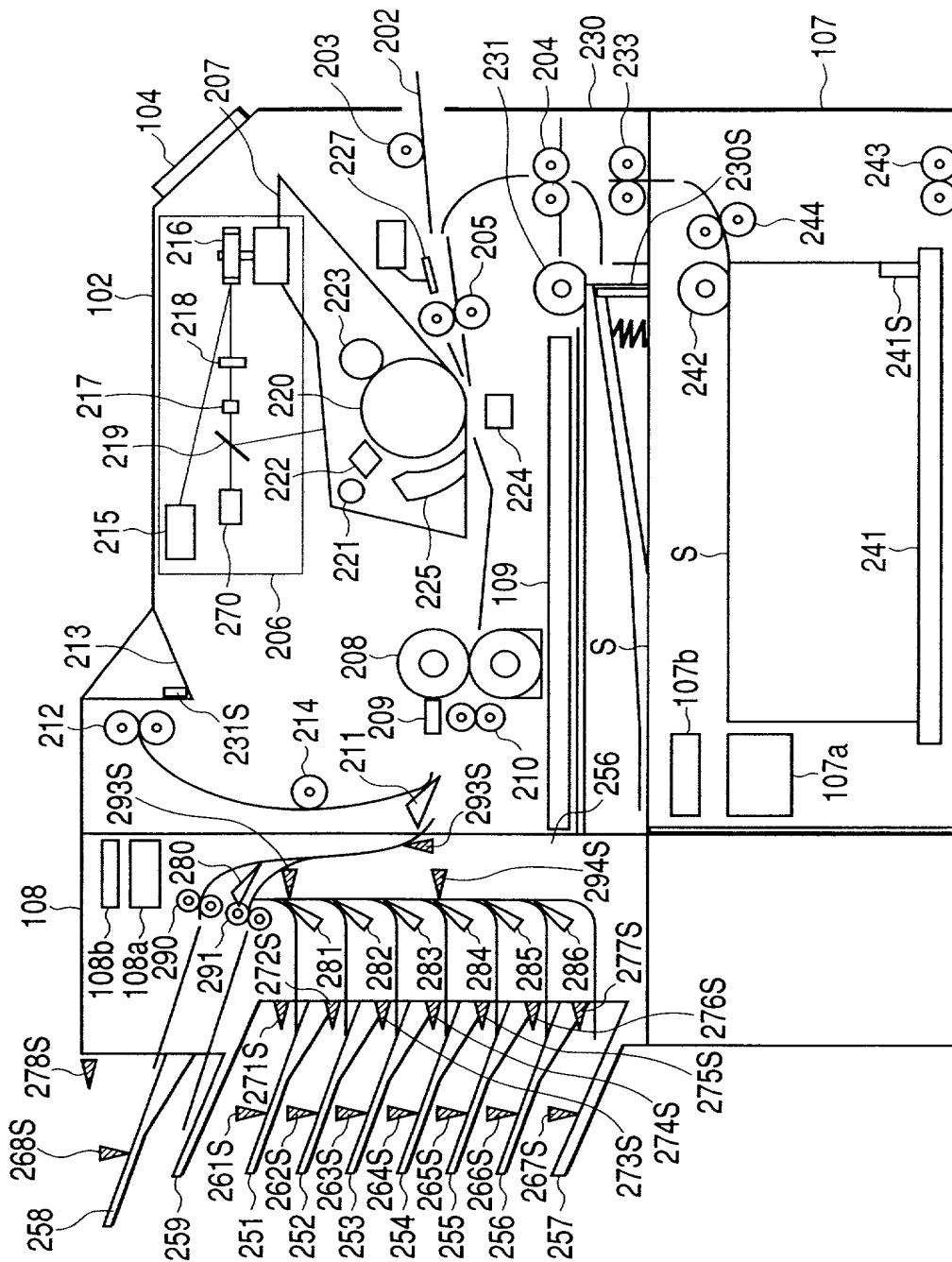


FIG. 15

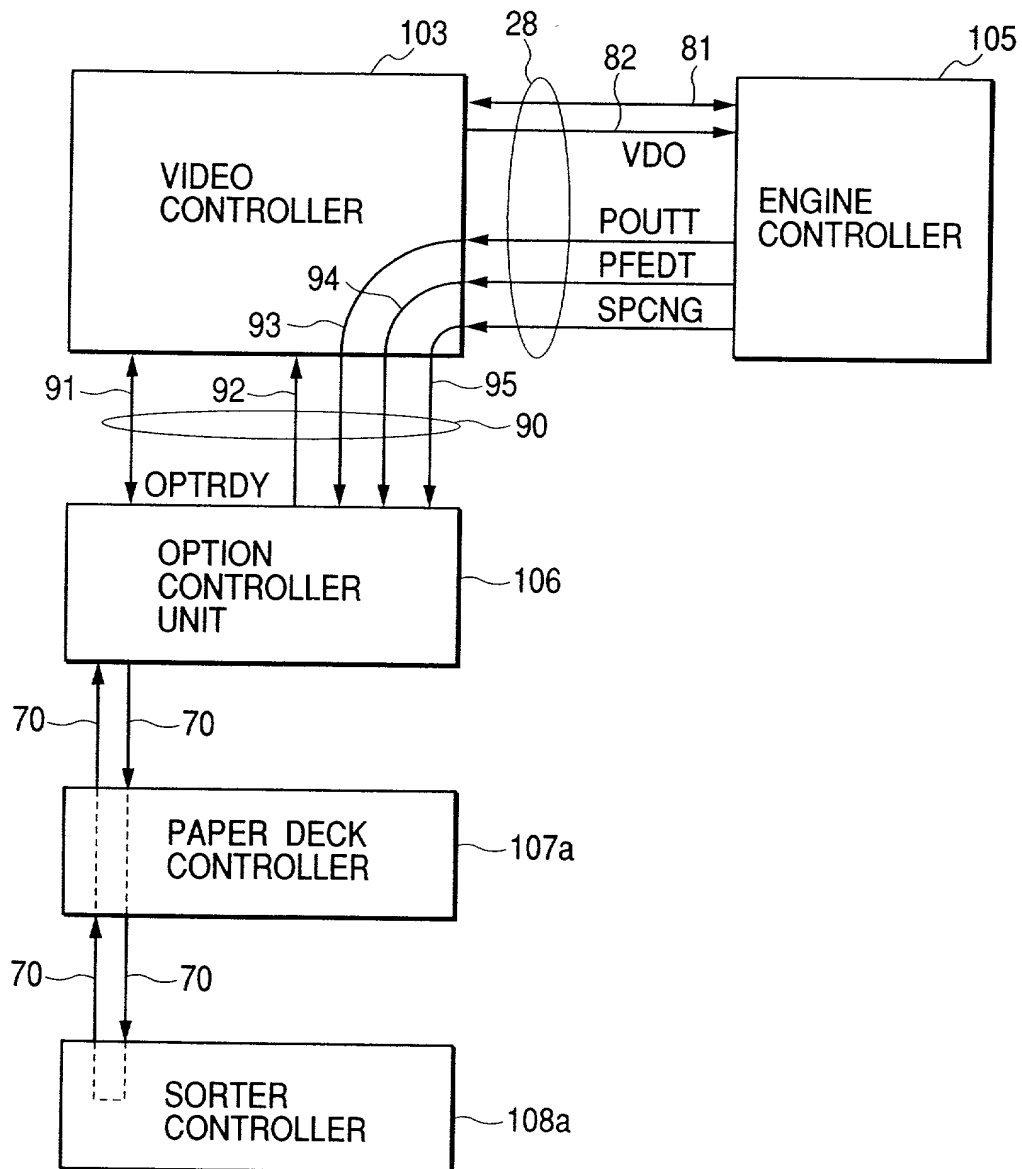


FIG. 16

VC... VIDEO CONTROLLER
EC... ENGINE CONTROLLER

SIGNAL NAME	DIRECTION	CONTENTS
/CPRDY	VC→EC	SIGNAL REPRESENTING THAT VIDEO CONTROLLER 103 IS IN STATE ENABLING TO COMMUNICATE WITH ENGINE CONTROLLER 105
/PPRDY	VC←EC	SIGNAL REPRESENTING THAT ENGINE CONTROLLER 105 IS IN STANDBY STATE ENABLING TO COMMUNICATE WITH VIDEO CONTROLLER 103
/RDY	VC→EC	SIGNAL REPRESENTING THAT ENGINE CONTROLLER 105 IS IN STANDBY STATE ENABLING TO PERFORM PRINTING
/PRNT	VC→EC	SIGNAL CAUSING VIDEO CONTROLLER 103 TO ISSUE PRINTING REQUEST TO ENGINE CONTROLLER 105
/VSREQ	VC←EC	SIGNAL CAUSING ENGINE CONTROLLER 105 TO REQUEST VERTICAL SYNC SIGNAL TO VIDEO CONTROLLER 103
/VSYNC	VC→EC	VERTICAL SYNC SIGNAL CAUSING VIDEO CONTROLLER 103 TO PERFORM OUTPUT TO ENGINE CONTROLLER 105
/BD	VC←EC	HORIZONTAL SYNC SIGNAL CAUSING ENGINE CONTROLLER 105 TO PERFORM OUTPUT TO VIDEO CONTROLLER 103
/CCRT	VC←EC	SIGNAL INFORMING VIDEO CONTROLLER 103 OF STATE CHANGE BY BECOMING "TRUE" WHEN CONTENT OF STATUS NOT DIRECTLY CONCERNING RDY SIGNAL CHANGES
/SCLK	VC→EC	SYNC CLOCK SIGNAL FOR SERIAL COMMUNICATION
/CMD	VC→EC	COMMAND SIGNAL CAUSING VIDEO CONTROLLER 103 TO ISSUE INSTRUCTION TO ENGINE CONTROLLER 105
/CBSY	VC→EC	STROBE SIGNAL FOR COMMAND OUTPUT
/STS	VC←EC	SIGNAL REPRESENTING STATUS IN ENGINE UNIT PERFORMING OUTPUT TO COMMAND FROM VIDEO CONTROLLER 103
/SBSY	VC←EC	SIGNAL FOR STATUS OUTPUT

FIG. 17

VC... VIDEO CONTROLLER
 OC... OPTION CONTROLLER
 EC... ENGINE CONTROLLER

SIGNAL NAME	DIRECTION	CONTENTS
SERIAL COMMUNICATION I/F	VC↔OC	I/F PERFORMING SHEET FEED DESIGNATION TO SHEET FEED OPTION, SHEET DISCHARGE BIN DESIGNATION TO SHEET DISCHARGE OPTION, COMMAND DESIGNATION, ETC. THROUGH SHARED MEMORY
/OPTRDY	VC←OC	SIGNAL REPRESENTING READY STATE FOR FUNCTION OF DESIGNATED OPTION APPARATUS
/POUTT	EC→OC	TIMING SIGNAL FOR CAUSING PRINTER BODY TO DISCHARGE RECORDING SHEET
/PFEDT	EC→OC	TIMING SIGNAL FOR CAUSING PRINTER BODY TO RECEIVE RECORDING SHEET FROM OPTION UNIT
/SPCNG	EC→OC	SIGNAL FOR SLOWING DOWN RECORDING SHEET HIGH-SPEED CARRIED IN OPTION APPARATUS TO MATCH IT WITH CARRYING SPEED OF PRINTER BODY

FIG. 18

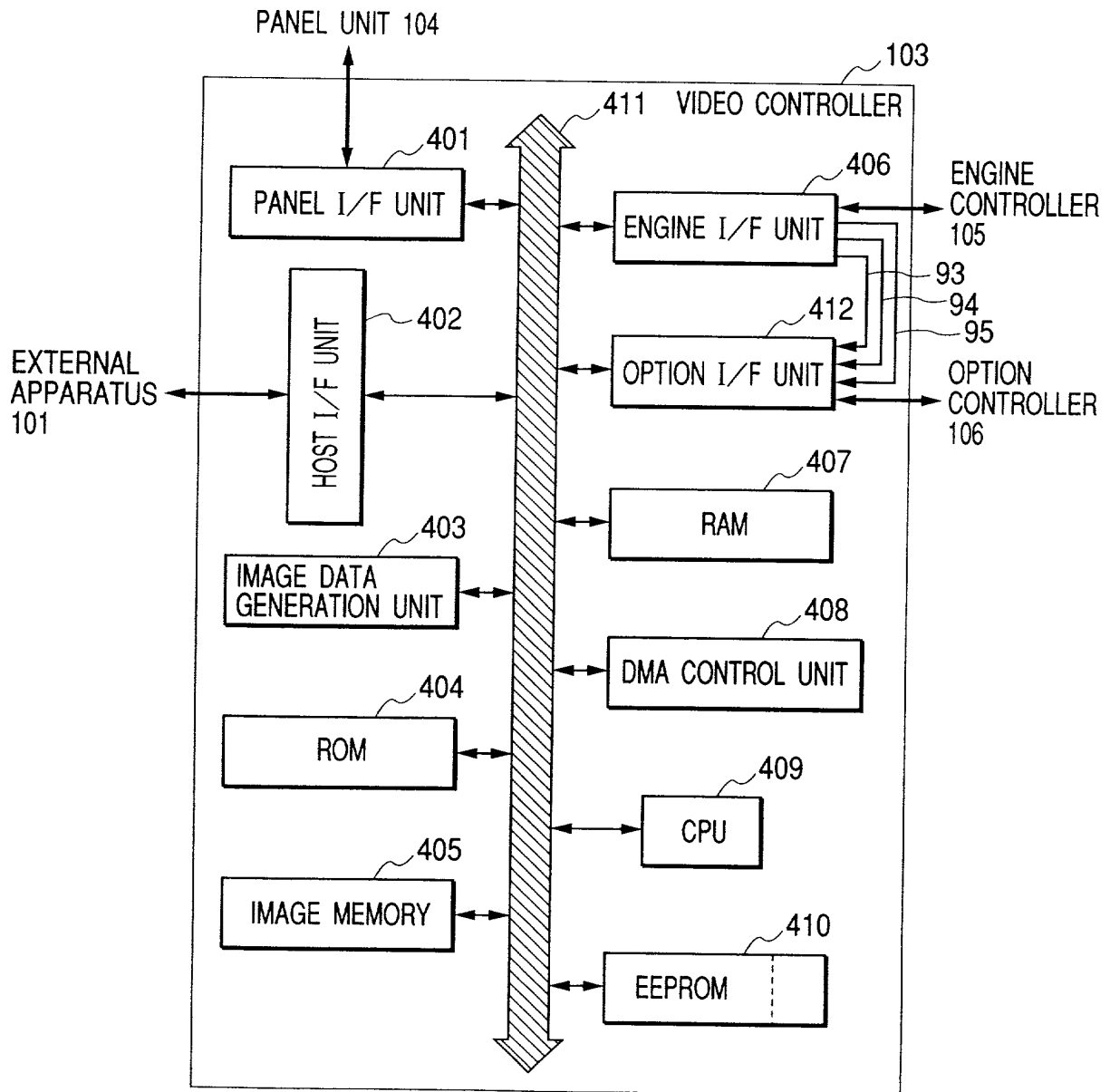


FIG. 19

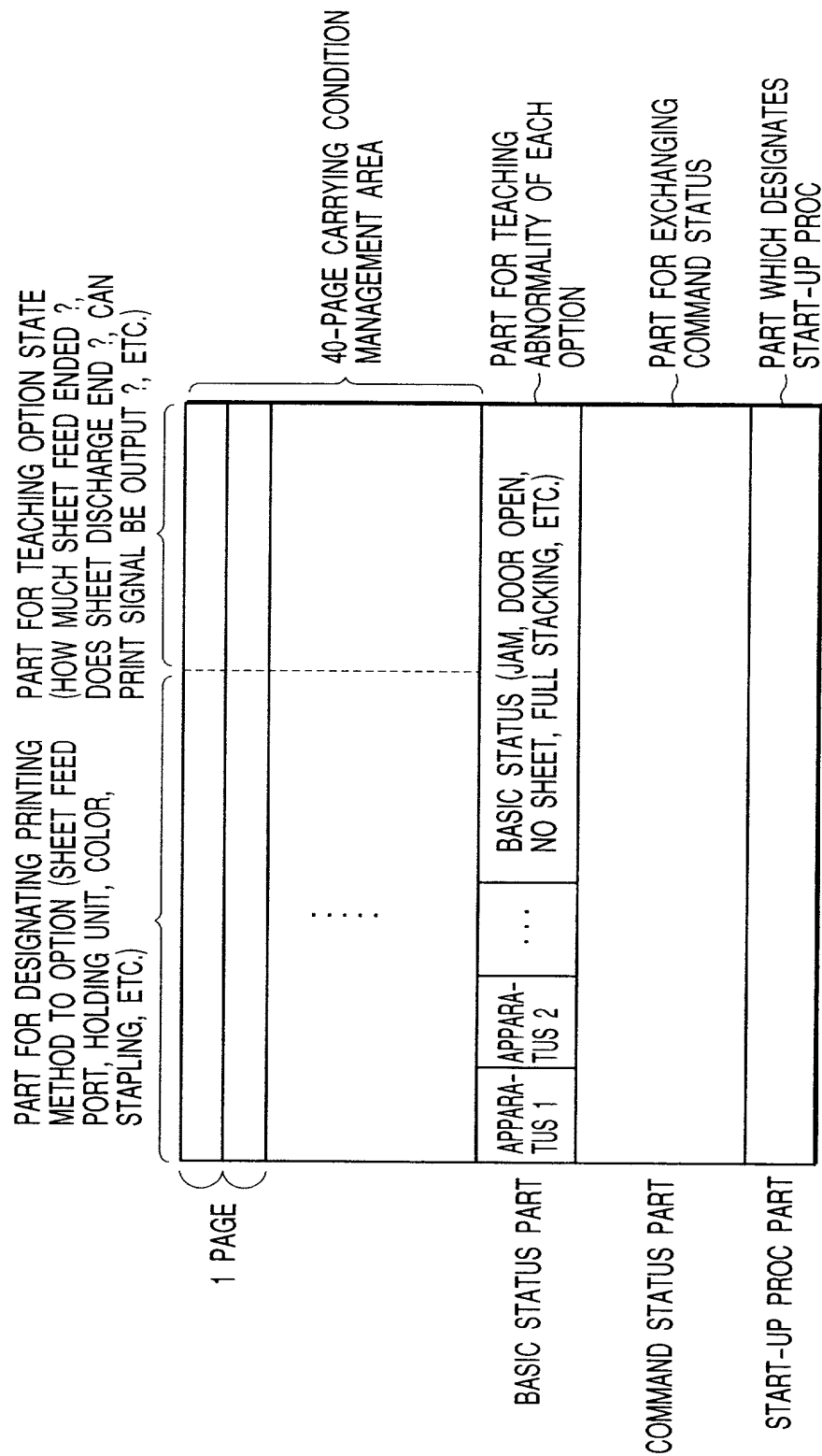


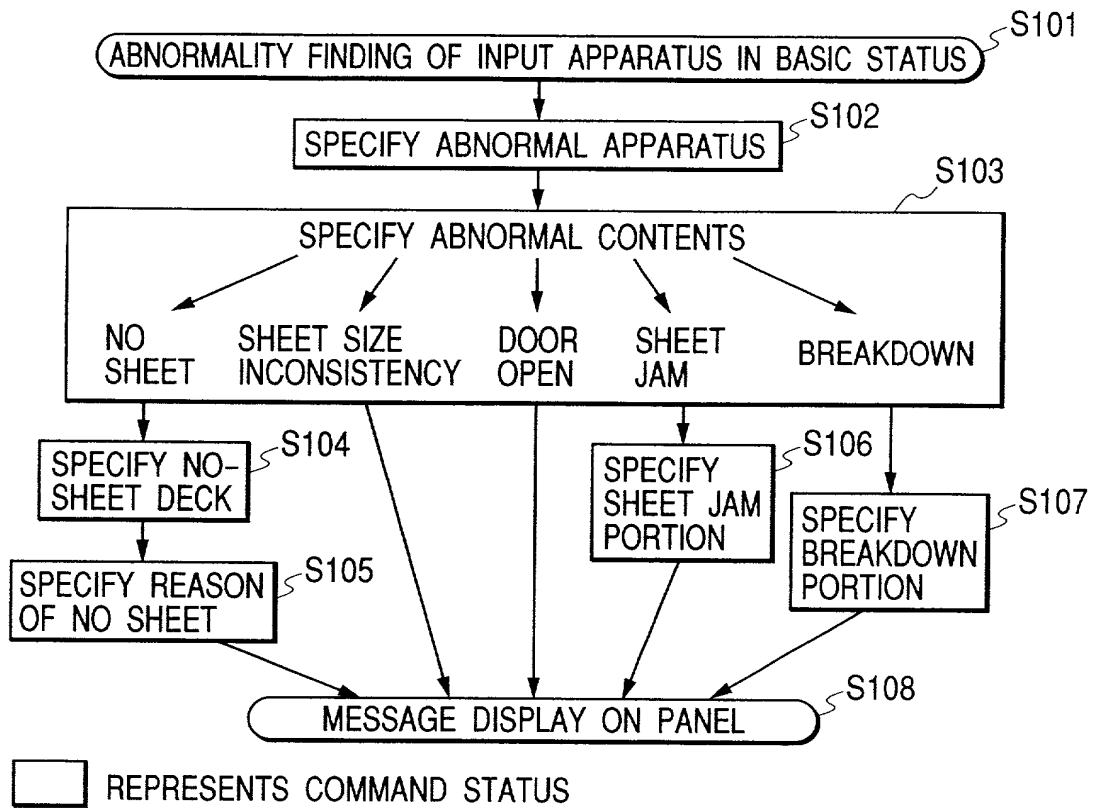
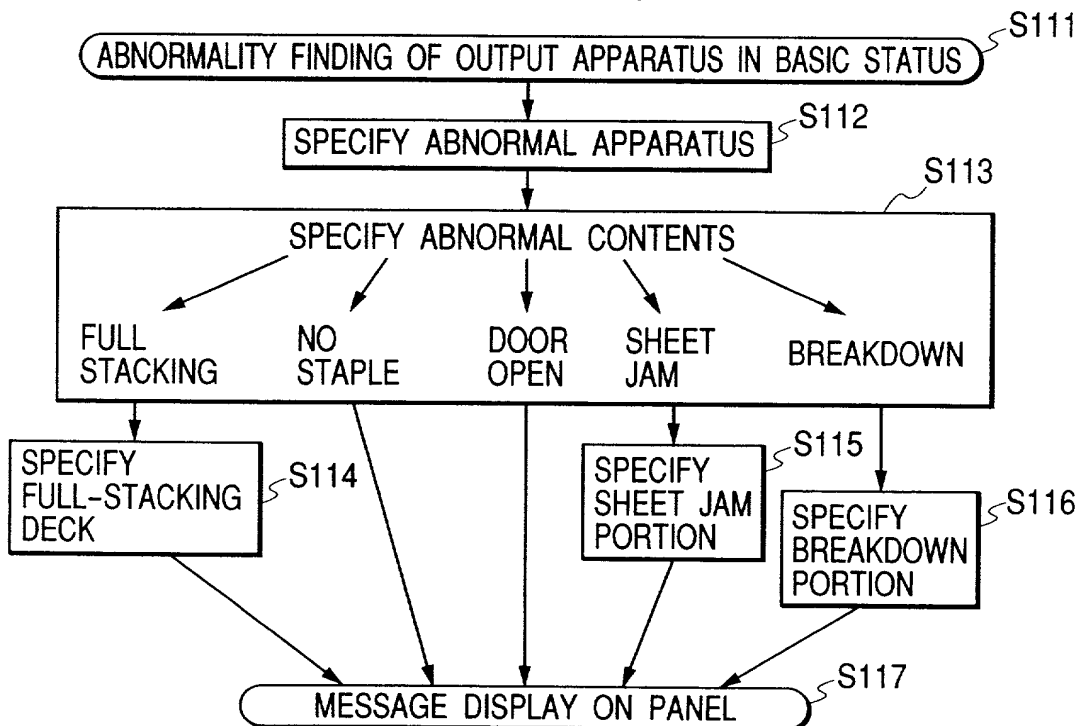
FIG. 20A**FIG. 20B**

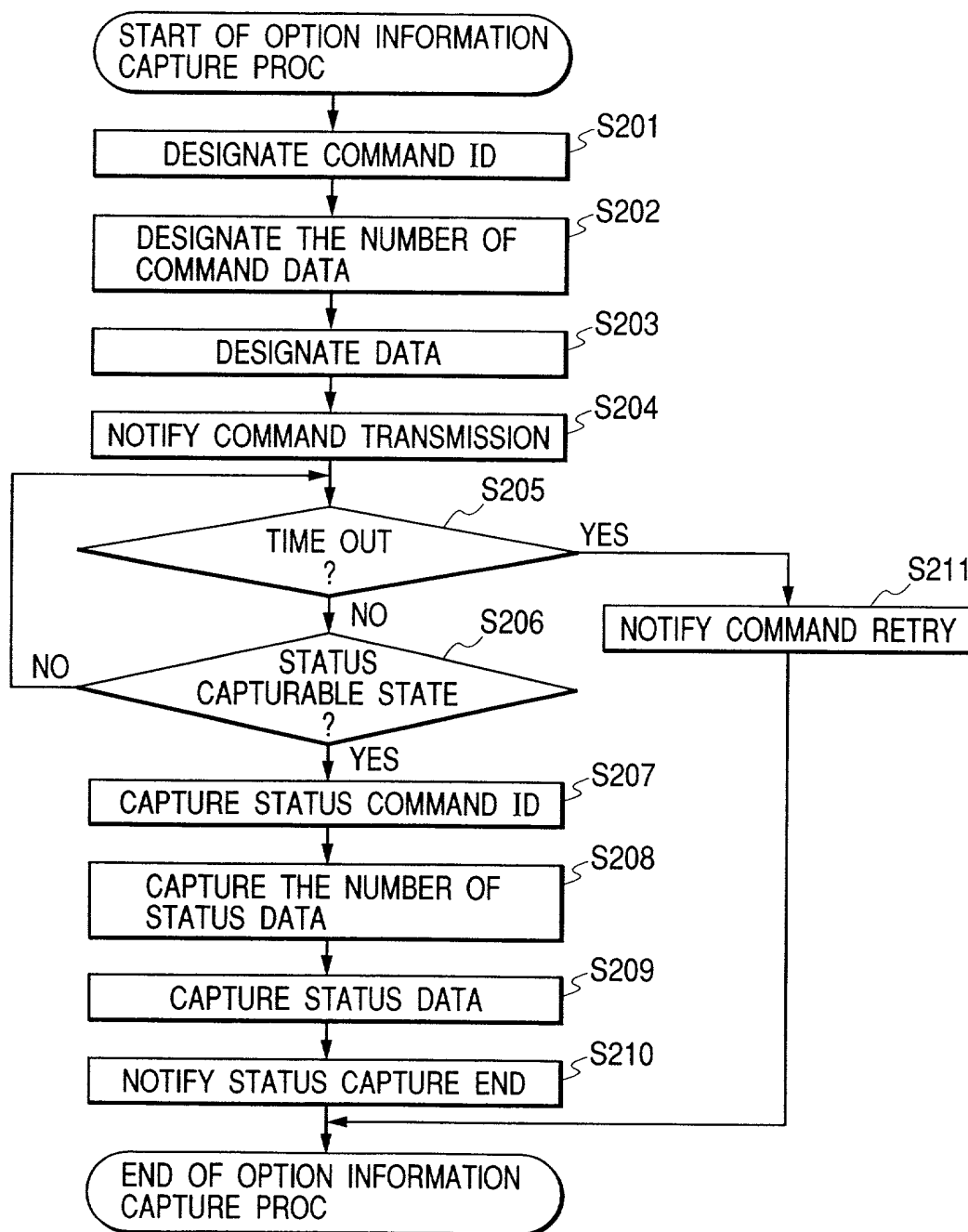
FIG. 21

FIG. 22

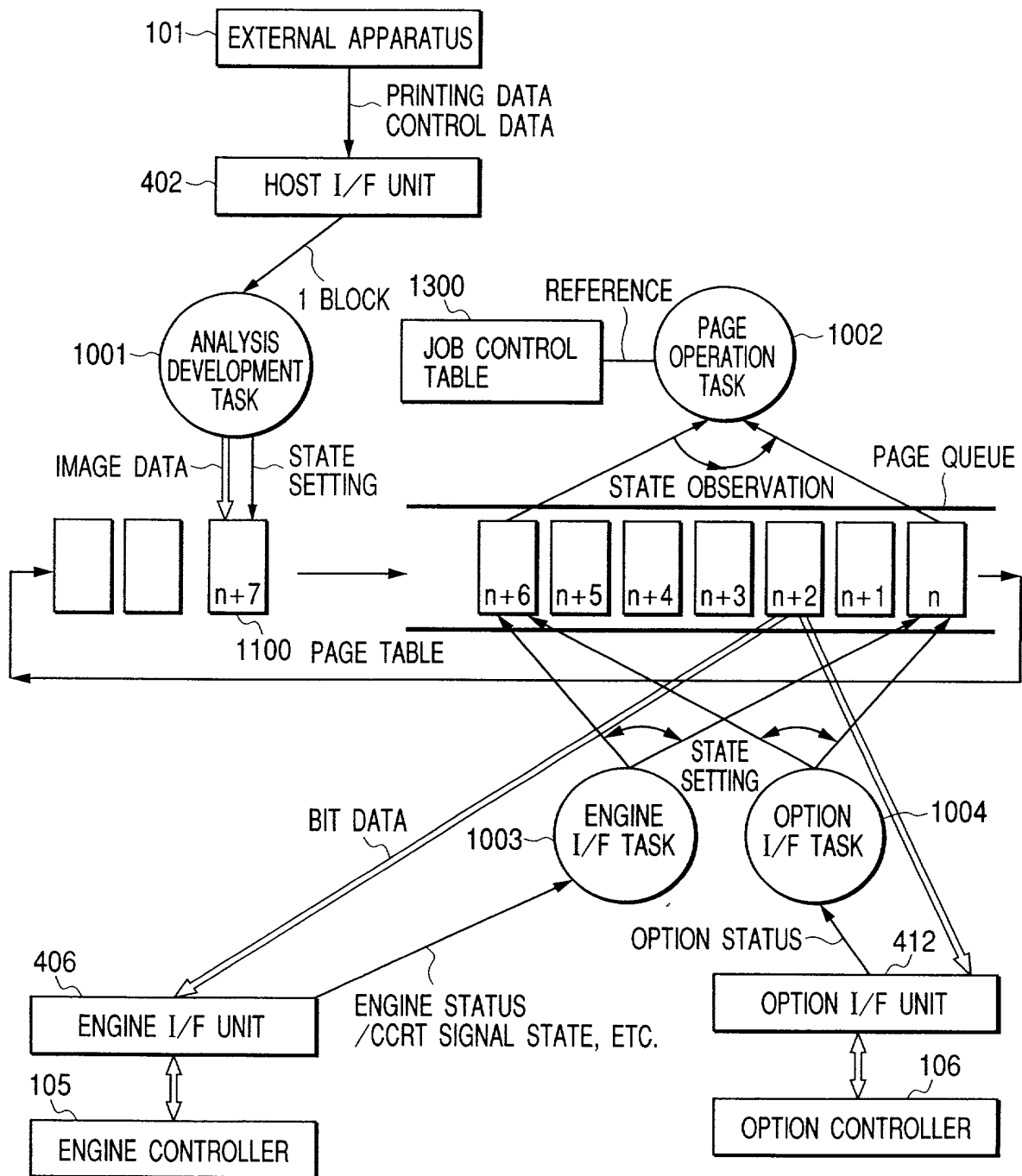


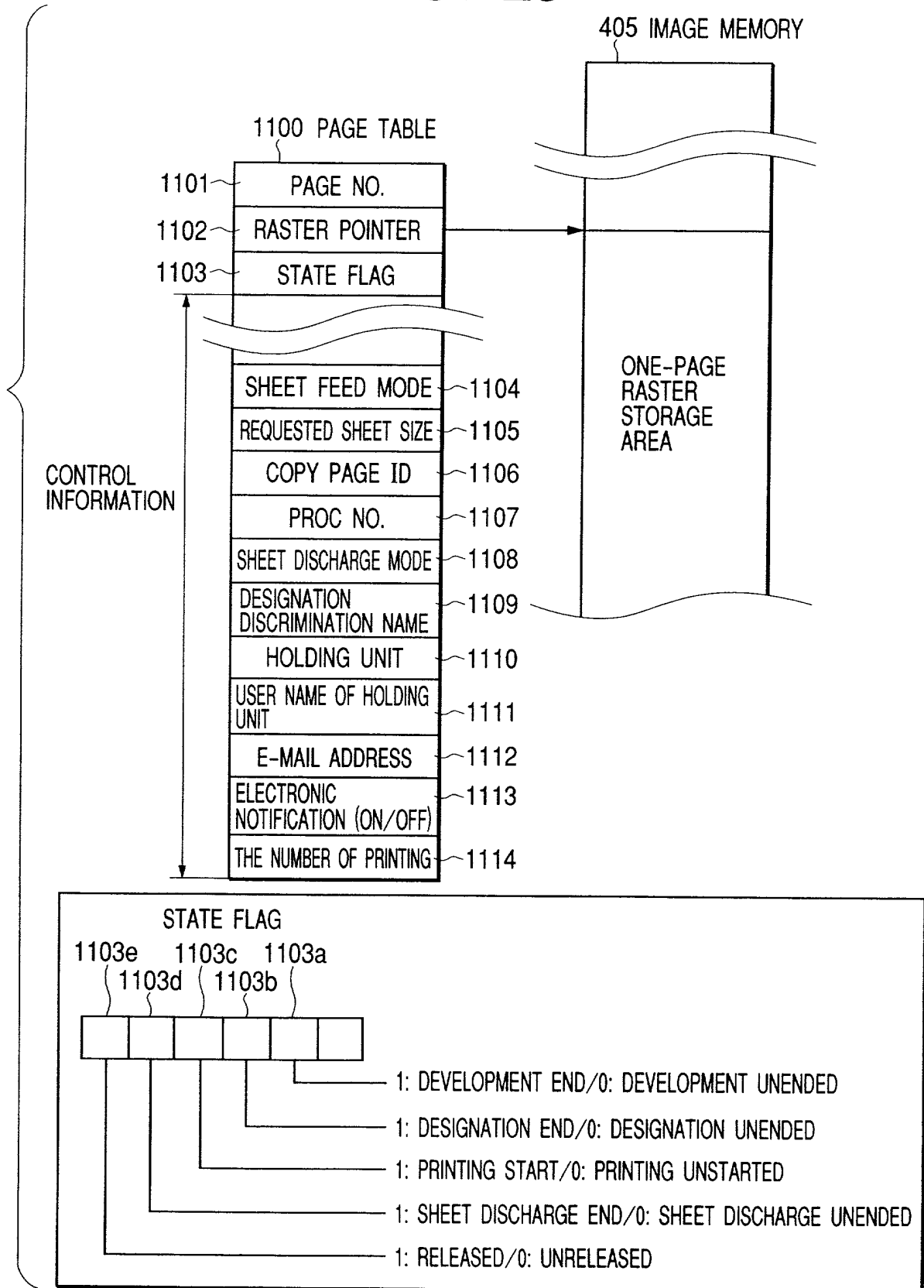
FIG. 23

FIG. 24

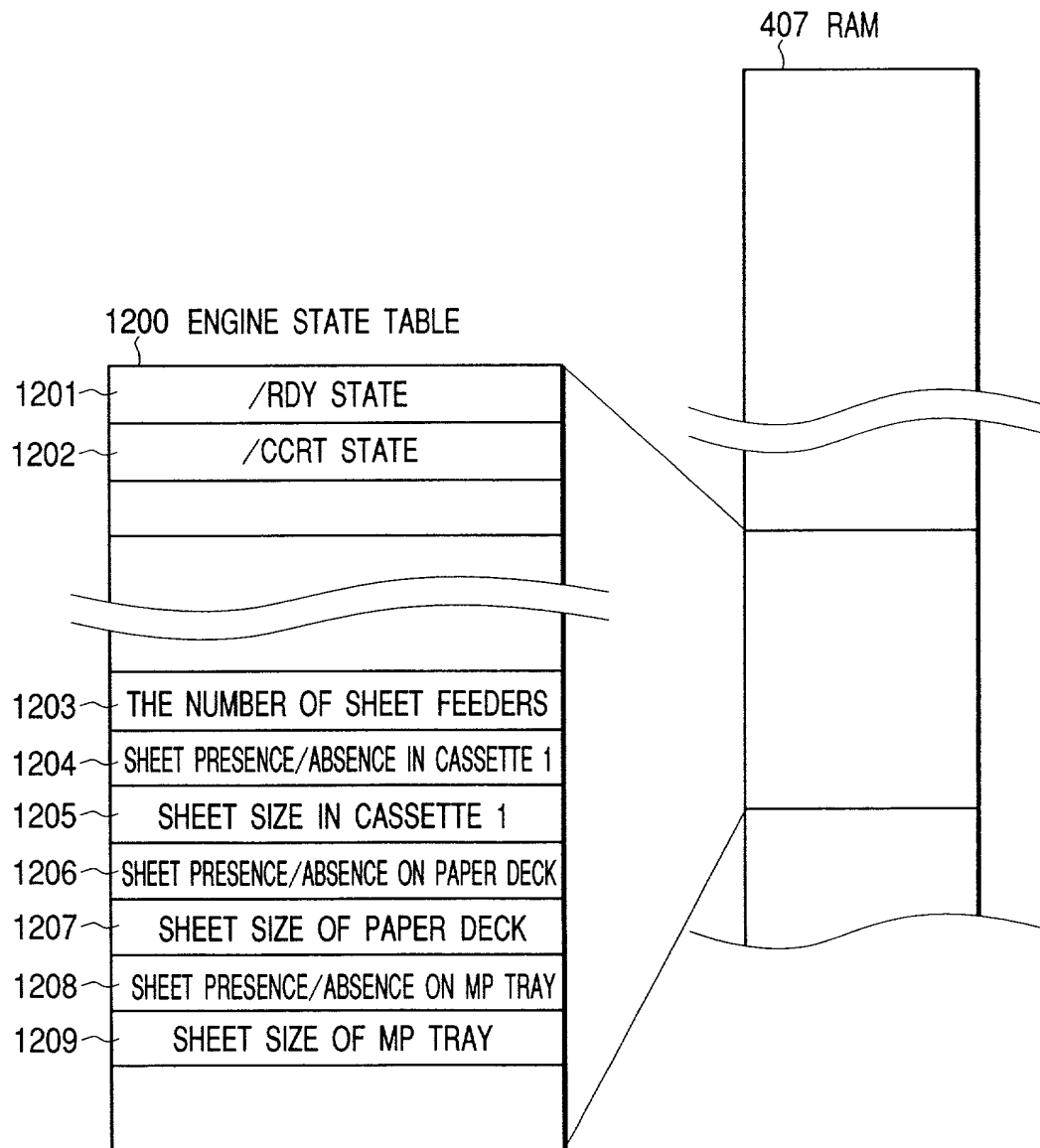
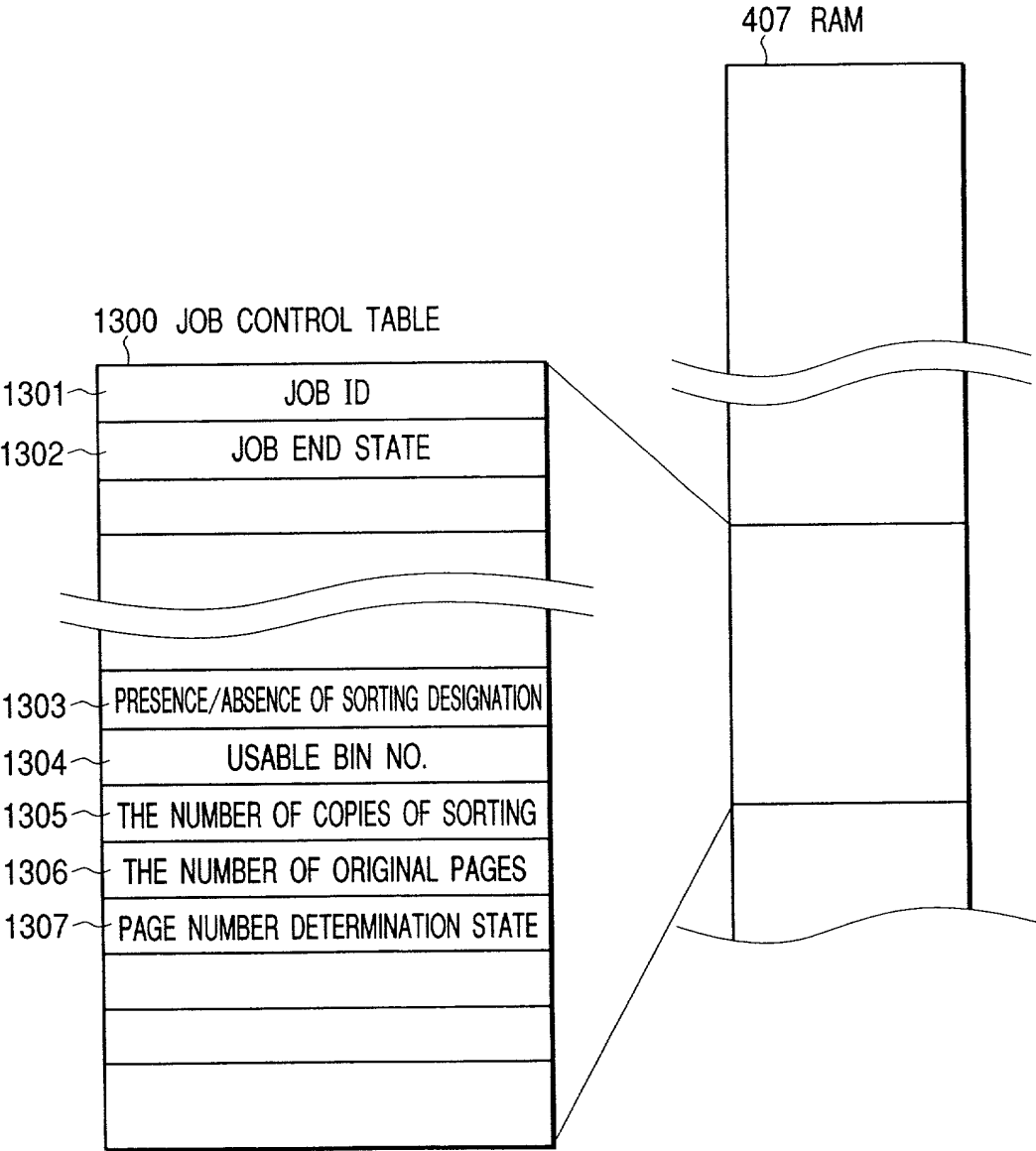


FIG. 25



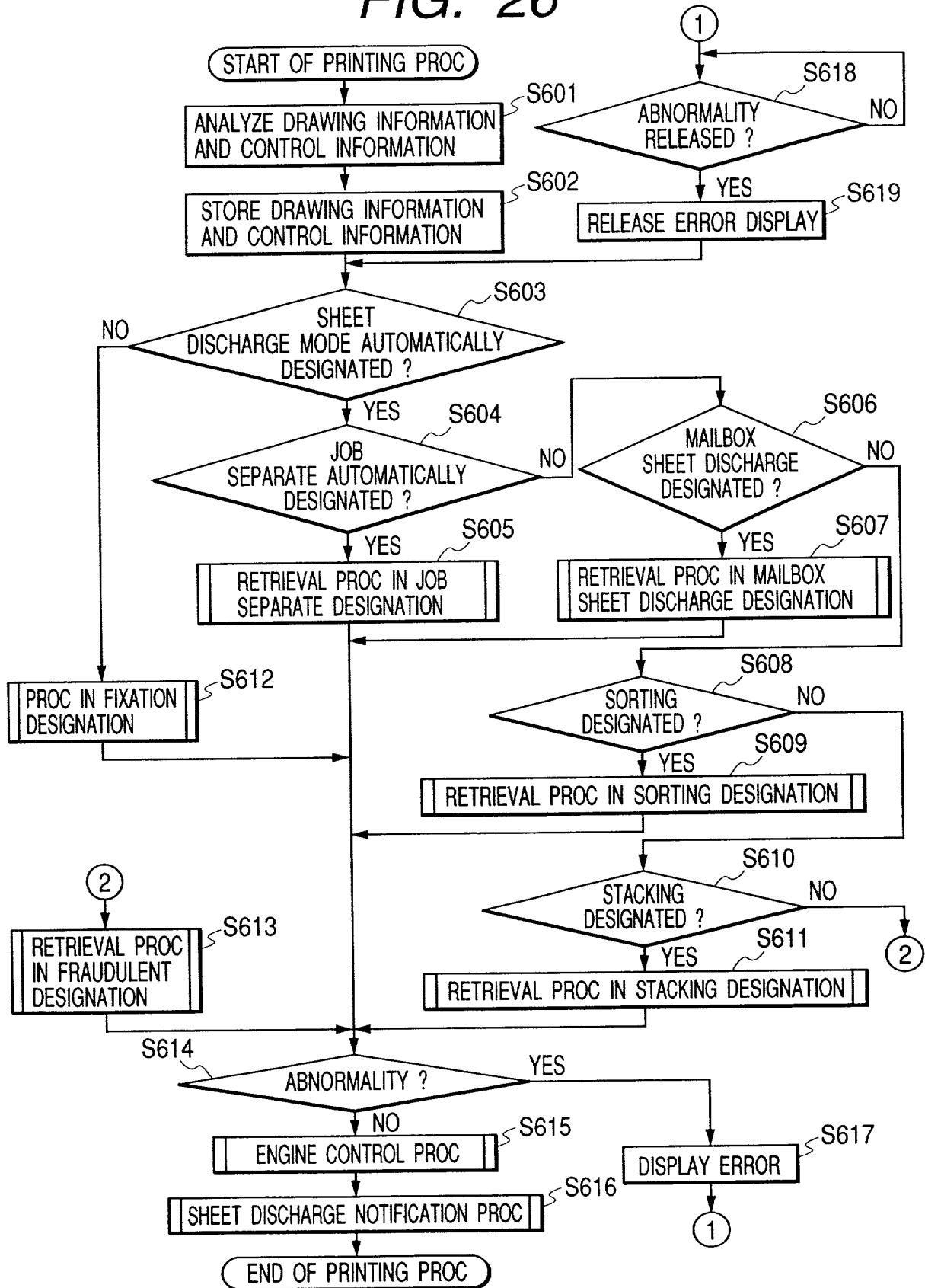


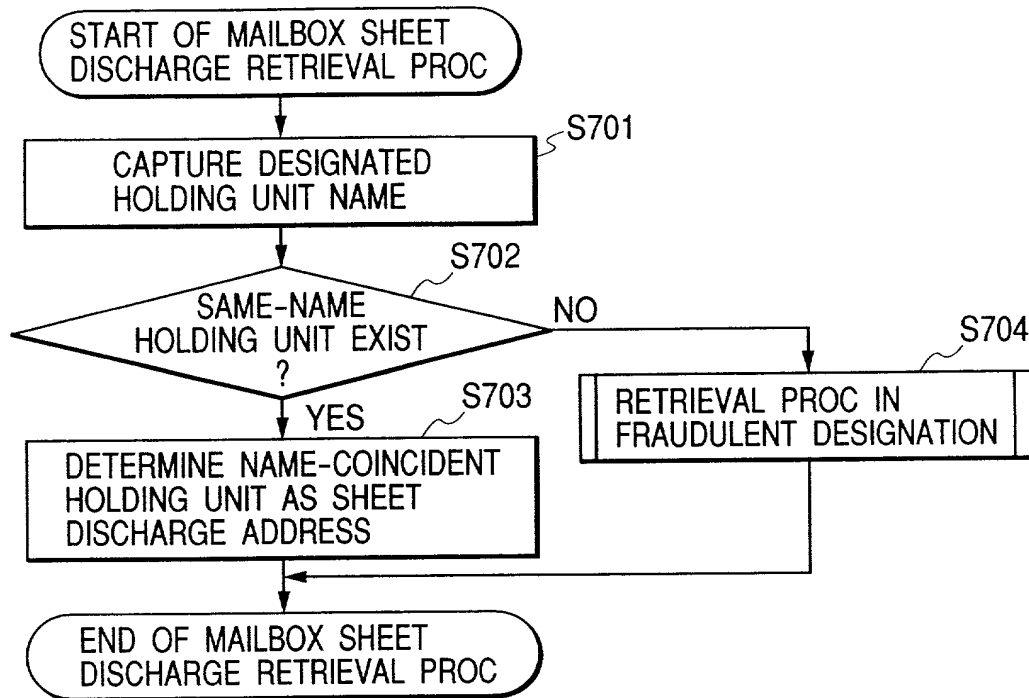
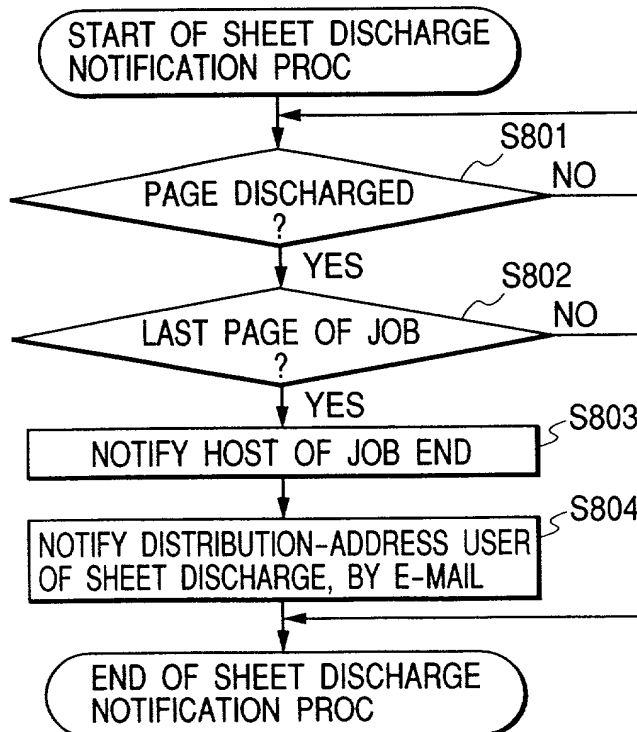
FIG. 27**FIG. 28**

FIG. 29

RECEPTION MAIL

Subject: [LBP-XXX] DISTRIBUTION NOTIFICATION
To: utsu@xxx.kannnon.co.jp
From: printer@xxx.kannnon.co.jp

"THIS MESSAGE IS DISTRIBUTION NOTIFICATION FROM PRINTER"
"TEXT WAS DISTRIBUTED TO YOUR BIN"

DISTRIBUTION ORIGIN:	yuichi
CONTENT:	INVESTIGATION RESULT.doc
THE NUMBER OF COPIES:	1
THE NUMBER OF SHEETS:	1
DISTRIBUTION DATE:	1999/10/10
DISTRIBUTION TIME:	13:31

:	:
:	:
:	:

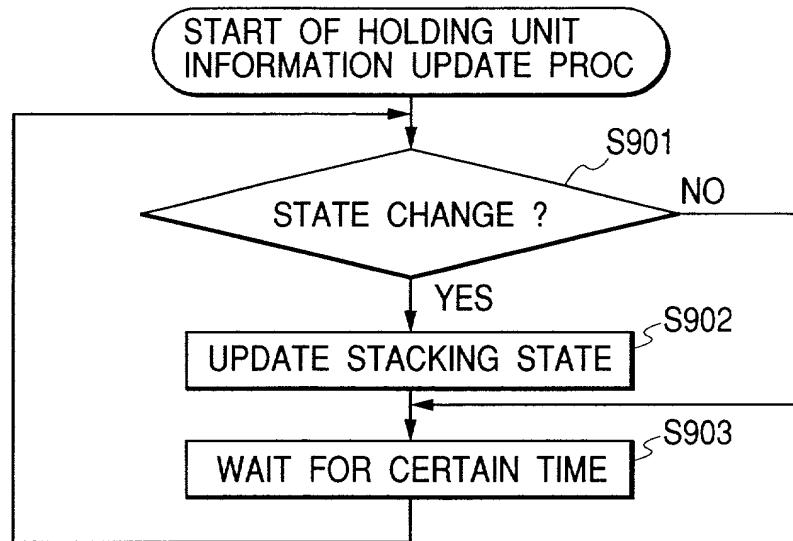
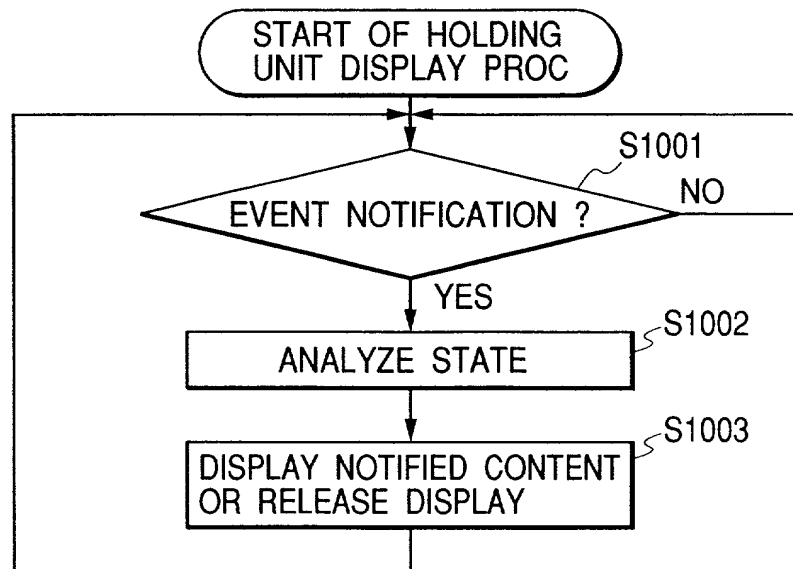
FIG. 30**FIG. 31**

FIG. 32

STORAGE MEDIUM SUCH AS FD, CD-ROM, ETC.

DIRECTORY INFORMATION
1ST DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHARTS OF FIGS. 7 AND 8
2ND DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 9
3RD DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 11
4TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 20
5TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 21
6TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 26
7TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 27
8TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 28
9TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 30
10TH DATA PROC PROGRAM A GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW CHART OF FIG. 31

MEMORY MAP OF STORAGE MEDIUM

FIG. 33

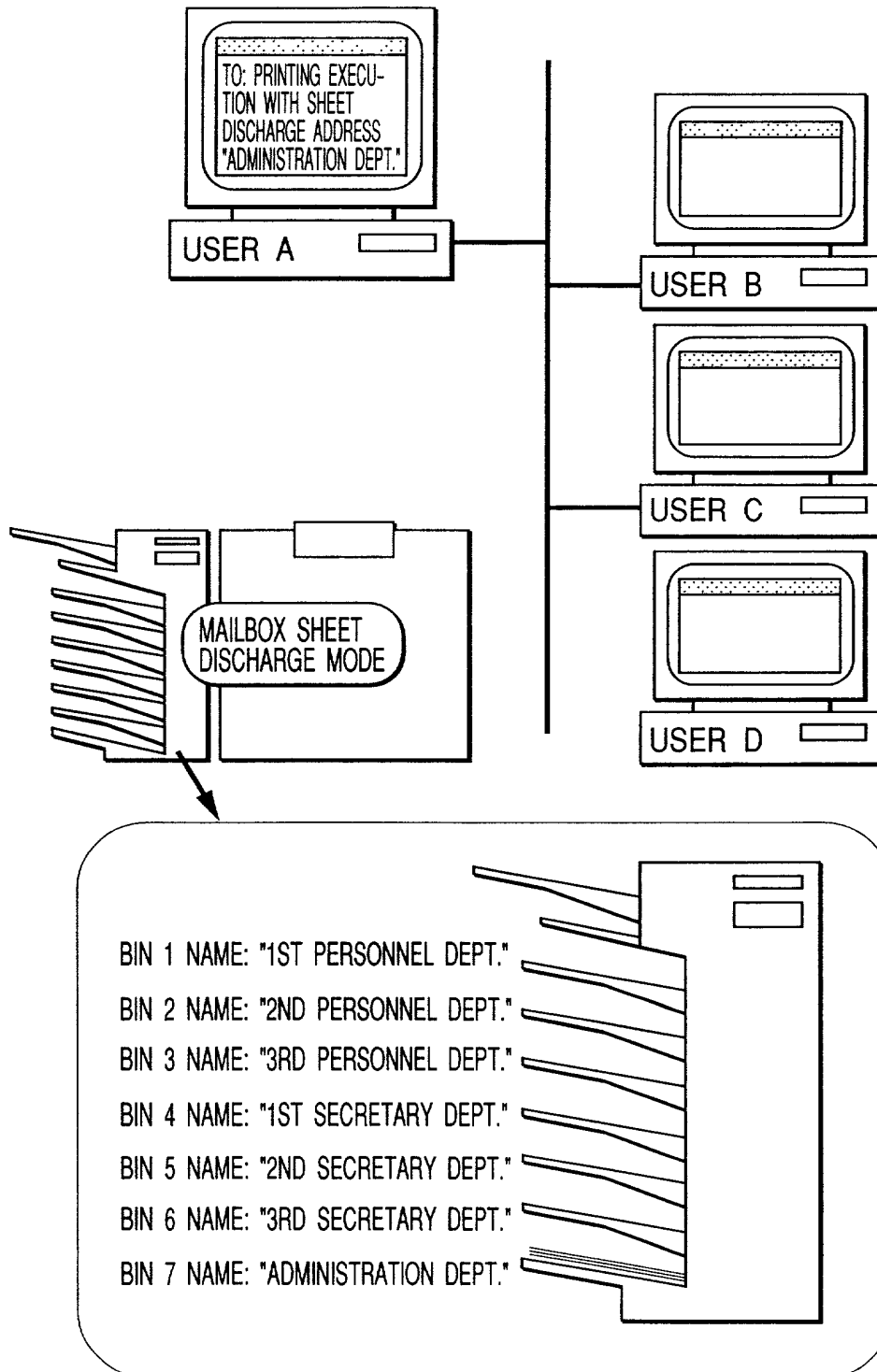


FIG. 34

REGISTER HOLDING UNIT NAME		
	HOLDING UNIT (DISTRIBUTION ADDRESS) NAME:	THE NUMBER OF GROUP MEMBERS:
501 {	BIN 1: 1ST PERSONNEL DEPT.	7
	BIN 2: 2ND PERSONNEL DEPT.	9
	BIN 3: 3RD PERSONNEL DEPT.	7
	BIN 4: 1ST SECRETARY DEPT.	10
	BIN 5: 2ND SECRETARY DEPT.	10
	BIN 6: 3RD SECRETARY DEPT.	9
	BIN 7: ADMINISTRATION DEPT.	9
	502 }	503 }
504 — OK — CANCEL — 505		

FIG. 35

DESIGNATE DISTRIBUTION ADDRESS	
SELECTED TEXT: CONTACT ADDRESS IN VACATION.doc DISTRIBUTION PAGE: PAGE 1	
<hr/>	
DISTRIBUTION: DISTRIBUTION ADDRESS:	
601 {	<input type="checkbox"/> 1ST PERSONNEL DEPT.
	<input type="checkbox"/> 2ND PERSONNEL DEPT.
	<input type="checkbox"/> 3RD PERSONNEL DEPT.
	<input type="checkbox"/> 1ST SECRETARY DEPT.
	<input type="checkbox"/> 2ND SECRETARY DEPT.
	<input type="checkbox"/> 3RD SECRETARY DEPT.
	<input checked="" type="checkbox"/> ADMINISTRATION DEPT.
	602 }
	603 604
<hr/>	
THE NUMBER OF DISTRIBUTION COPIES:	<input type="text" value="1"/> <input type="checkbox"/> FOR THE NUMBER OF MEMBERS
<hr/>	
605	OK CANCEL 606